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TMH/DAG:lam 02/17/04 6395-61666 254073

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Liu et al.

Application No. 10/017,168

Filed: December 14, 2001 Confirmation No. 9437

For: COMPOSITIONS AND METHODS FOR

DETECTING TREPONEMA PALLIDUM

Examiner: Vanessa L. Ford

Art Unit: 1645

Attorney Reference No. 6395-61666

COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450 **CERTIFICATE OF MAILING**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney for Applicant(s) Debra Dudh

Date Mailed February 17, 2004

TRANSMITTAL LETTER

Enclosed for filing in the above application is:

- A copy of the Information Disclosure Statement ("IDS") submitted on January 25, 2002 along with a copy of the postcard acknowledging receipt by the PTO on February 7, 2002.
- It is believed that no fees are required, as the IDS was originally filed within three months of the filing date of a national application. Please charge any additional fees that may be required in connection with filing this IDS and any extension of time, or credit any overpayment, to Deposit Account No. 02-4550. A copy of this sheet is enclosed.
- Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, Oregon 97204

Telephone: (503) 226-7391 Facsimile: (503) 228-9446

Debra A. Gordon, Ph.D., J.D.

Registration No. 54,128

FEB 2 0 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Liu et al.

Application No. 10/017,168 Filed: December 14, 2001 Confirmation No. 9437

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Attorney for Applicant(s)

Date Mailed February 17, 2004

nconde

Applicants mailed an Information Disclosure Statement ("IDS") to the Patent and Trademark Office ("PTO") on January 25, 2002, within three months of the filing date of a national application (Exhibit A). According to Examiner Ford, in a telephone conversation on February 13, 2004, it appears that the IDS has been misplaced within the PTO and/or has not been properly entered into the file.

Therefore, Applicants herewith resubmit a complete copy of the IDS, as originally submitted on January 25, 2002. In addition, Applicants provide the a copy of the postcard acknowledging receipt of this IDS by the PTO on February 7, 2002 (Exhibit B).

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

One World Trade Center, Suite 1600

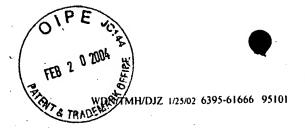
121 S.W. Salmon Street Portland, Oregon 97204

Telephone: (503) 226-7391 Facsimile: (503) 228-9446

By Och A Gordon Ph D II

Debra A. Gordon, Ph.D., J.D.

Registration No. 54,128







PATENT Attorney Reference Number 6395-61666

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Liu et al.

Application No. 10/017,168

Filed: December 14, 2001

For: COMPOSITIONS AND METHODS FOR

DETECTING TREPONEMA PALLIDUM

Examiner: Not yet assigned

Date: January 25, 2002

Art Unit: Not yet assigned

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on January 25, 2002, as First Class Mail in an envelope addressed to: OOMMISSIONER FOR PATENTS, WASHINGTON D. 20231

Tanya M. Harding, Ph.D. Attorney for Applicant

TRANSMITTAL LETTER

COMMISSIONER FOR PATENTS WASHINGTON, DC 20231

Enclosed for filing in the application referenced above are the following:

Information Disclosure Statement
Form 1449 and 23 references cited thereon

The Director is hereby authorized to charge any additional fees that may be required, or credit over-payment, to Account No. 02-4550. A copy of this sheet is enclosed.

Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

Ву

Panya M. Harding, Ph.D. Registration No. 42,630

One World Trade Center, Suite 1600

121 S.W. Salmon Street Portland, Oregon 97204 Telephone: (503) 226-7391

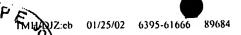
Facsimile: (503) 228-9446

cc: Docketing

EXHIBIT

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TRANSMITTAL - Page 1 of 1







IN THE UNITED STATES PATENT AND TRADEMARK OFFICE n re application of: Liu et al.

Application No.: 10/017,168

Filed: December 14, 2001

For: COMPOSITIONS AND METHODS FOR DETECTING TREPONEMA PALLIDUM

Examiner: Not yet assigned

Date: January 25, 2002

Art Unit: Not yet assigned

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on January 25, 2002 as First Class Mail in an orvelope addressed to: COMMISSIONER FOR PATEMIS, WASHINGTON,

Tanya M. Harding, Ph.D Attorney for Applicant

INFORMATION DISCLOSURE PURSUANT TO 37 C.F.R. § 1.970b

COMMISSIONER FOR PATENTS WASHINGTON, DC 20231

Sir:

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Applicants filed this Information Disclosure Statement ("IDS") within three months of the filing date of a national application. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for Applicants to file this Information Disclosure Statement, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A duplicate copy of this Information Disclosure Statement is enclosed.

Respectfully submitted,

KLAROUIST SPARKMAN, LLP

Yanya M. Harding, Ph.D. Registration No. 42,630

One World Trade Center, Suite 1600 121 S.W. Salmon Street

Portland, Oregon 97204 Telephone: (503) 226-7391 Facsimile: (503) 228-9446

cc:

Client Docketing



O I P ENFORMATION DISCLOSURE		Docket: 6395-61666 App: 10/017,168			7,168			
STATEMENT			Applicant: Liu et al.					
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PADEMARKO		U.S. PAT	ΓEN	T DOCUMENTS				
Init.*	Number	Date		Name	Class Sub		Filed	
	4,738,932	04/19/88	Yabusaki					
	4,894,328	01/16/90	Alderete et al.				·	***************************************
	5,643,733	07/01/97	Robinson et al.					
	5,643,751	07/01/97	Ro	Robinson et al.				
	5,753,459	05/19/98	Bl	anco et al.				
	5,770,719 06/2		Ka	apoor et al.	·			
•		FOREIGN	PA	TENT DOCUMENTS				
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·	1	•		me Sequence of <i>Treponen</i> 3-388 (July 17, 1998).	na pallie	dum	, the Sypl	nilis
		•	-	equences, and expression uence 7(5):267-84 (1997).	•		-	
				yping of <i>Treponema pallia</i> 08-414 (Sept. 1998).	lum Sub	spec	cies <i>pallid</i>	dum,"
				ng of <i>Treponema pallidum</i> icrobio., 40(1):256-258 (J			frica: Cr	oss-
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*Examiner:		•		conformance with MPEP	609; dra	aw li	ine throug	gh cite if

の対象を行うなどの言語が、で

EXAMINER:



	INFORMA	A TION DICCI COURT	Docket: 6395-61666	App: 10/017,168		
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		Y APPLICANT	Filed: December 14, 2001	Art Unit:		
FMARK OFFI		OTHER	DOCUMENTS	·		
		decoded)," Science News,	ohilis genome (genome of <i>Trepon</i>			
		•	r Characterization and Cellular Leat Protein of <i>Treponema pallidum</i> 0):3188-3195 (May 1997).			
		Stamm et al., "Nucleotide Sec Sequence, 7(5):261-265 (1997)	quence of the <i>Treponema pallidus</i> 7). (ABSTRACT ONLY)	m Eno Gene," DNA		
			typing of <i>Treponema pallidum</i> in v: Use of Specimens from Ulcers one 1, 2001).			
			cture of an Oligomeric Antigen on the other of the other			
	ob = -	(No listed author) "Scientists 1998).	s Decipher Syphilis Genome," Ap	pl. Gen. News (Sept. 1,		
			s Report on the Complete Genome chete," <i>PR Newswire</i> (July 16, 19			
		GenBank Accession #AF015 complete cds. (Jan. 2, 1998).	824, Treponema pallidum acidic	repeat protein gene,		
			806, <i>Treponema pallidum</i> subsp. ne, complete cds. (Sept. 13, 2001)	•		
		acidic repeat protein (arp) gei	ne, complete cas. (Sept. 13, 2001)) . 		

DATE

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.

TMH:elb 01/25/2002 6395-61666 93517



O I P ENFORMATION DISCLOSURE STATEMENT B 2 0 2004 E BY APPLICANT		Docket: 6395-61666	App: 10/017,168
		Applicant: Liu et al.	
		Filed: December 14, 2001	Art Unit:
DEMARKO	OTHER	DOCUMENTS	
		807, Treponema pallidum subsp. earp) gene, complete cds. (Sept. 13	
	1	124, Treponema pallidum subsp. p ne, complete cds. (Sept. 26, 2001).	
		126, Treponema pallidum subsp. pne, complete cds. (Sept. 26, 2001).	
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CLIENT/MATTER NO. <u>6395 - 61666</u> INVENTOR(S): <u>Liu, et.</u> al	A	TTY/SEC _	DJZ: 66
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by First Class Mail, was received in the U.S. PTO on the date stamped hereon:			
AmendmentMarked Up Claims/SpecAfter Final RejectionExtension of Time/Extension Fee for Months			
Notice to File Missing Parts - Date Notice to File Corrected App. Papers - Date Comb. Dec./POA Sht(s) Drawings		No	Draftsperson tice-Allowability t(s) Drawings
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	Request for Corrected Filing Receipt
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EXHIBIT